

Microscopy Ergonomic Solutions



June 2003

Administrative Information Only



Percentage of Medical Problems Reported by Microscope Users

Location	Employee %
Neck	50-60
Shoulders	65-70
Back (total)	70-80
Lower Back	65-70
Lower Arms	65-70
Wrists	40-60
Hands and Fingers	40-50
Legs and Feet	20-35
Eye Strain	20-50
Headaches	60-80



Recommendations

- Know basic ergonomic concepts
- Adapt current equipment – after market products, familiarize self with features
- Provide input with new equipment purchase – voice out concerns, do research
- Adjust workstation before discomfort sets in

Bay Optical

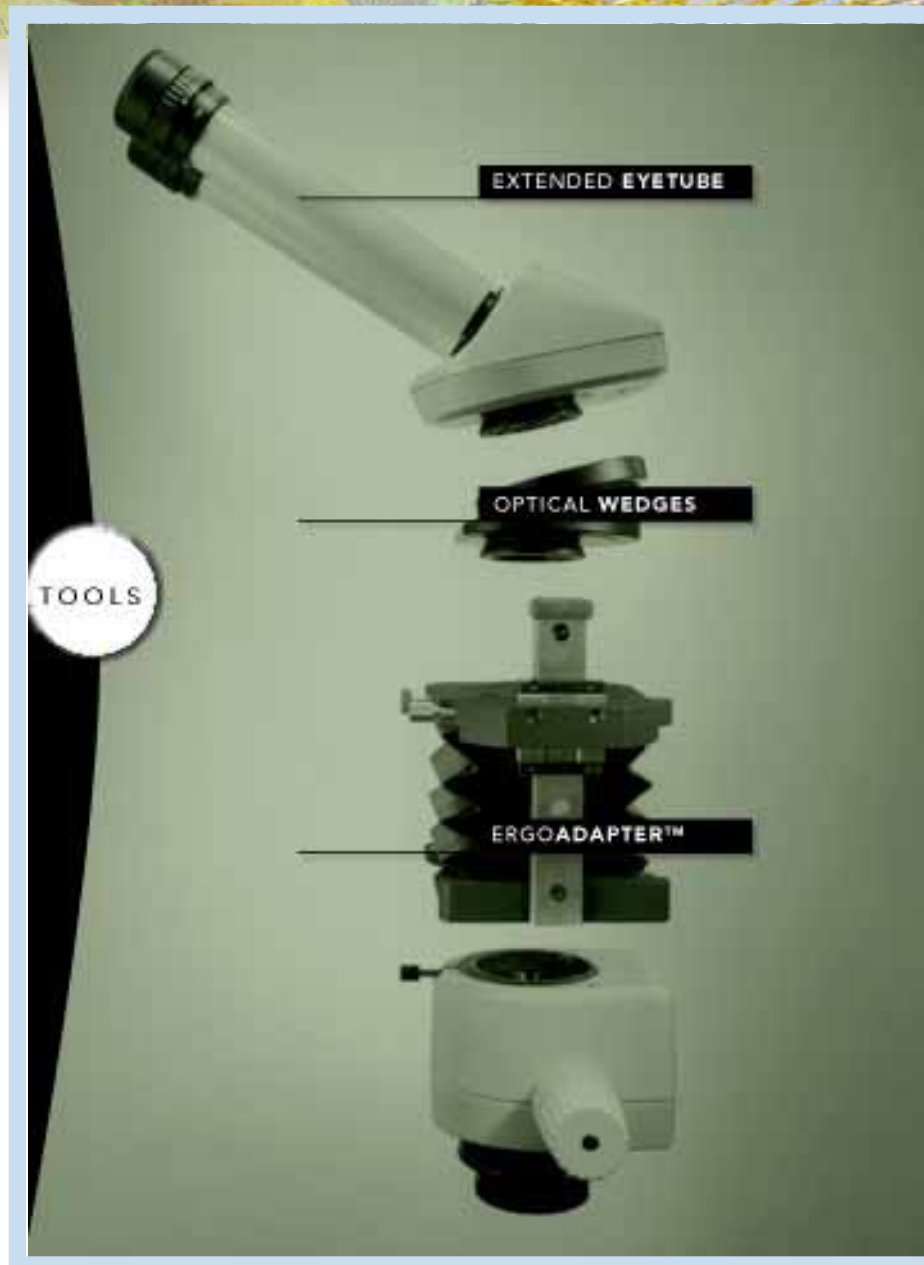
Sales Department

2401 – 15th Street

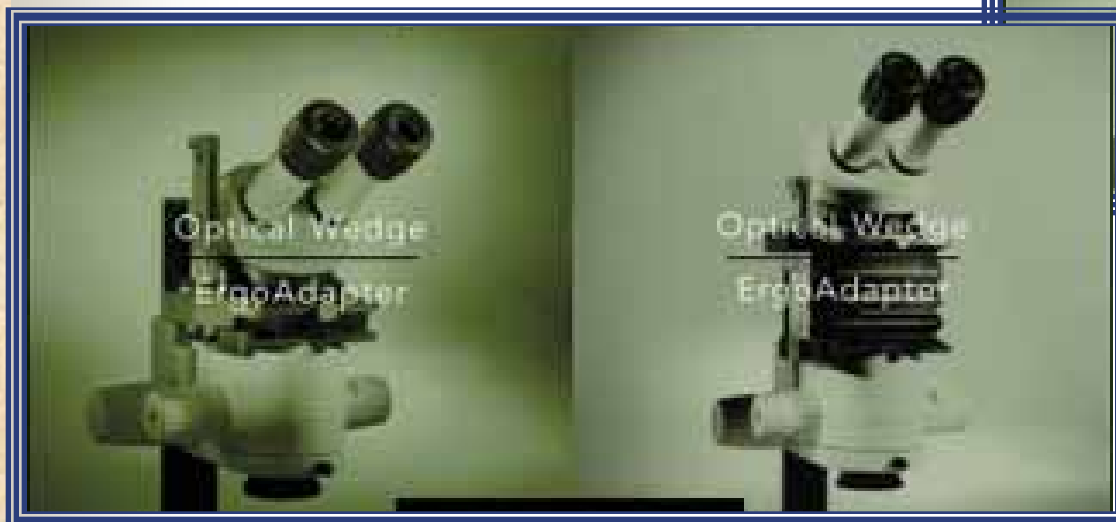
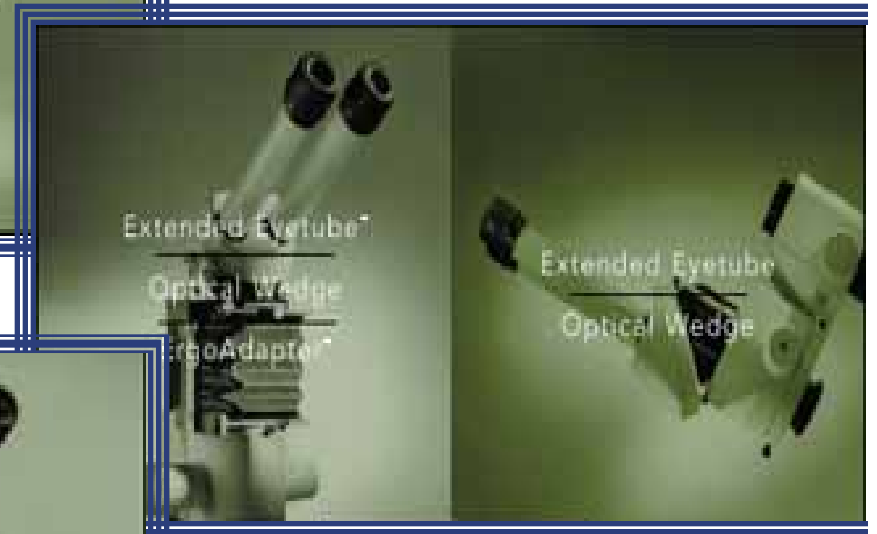
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IMEB, Inc

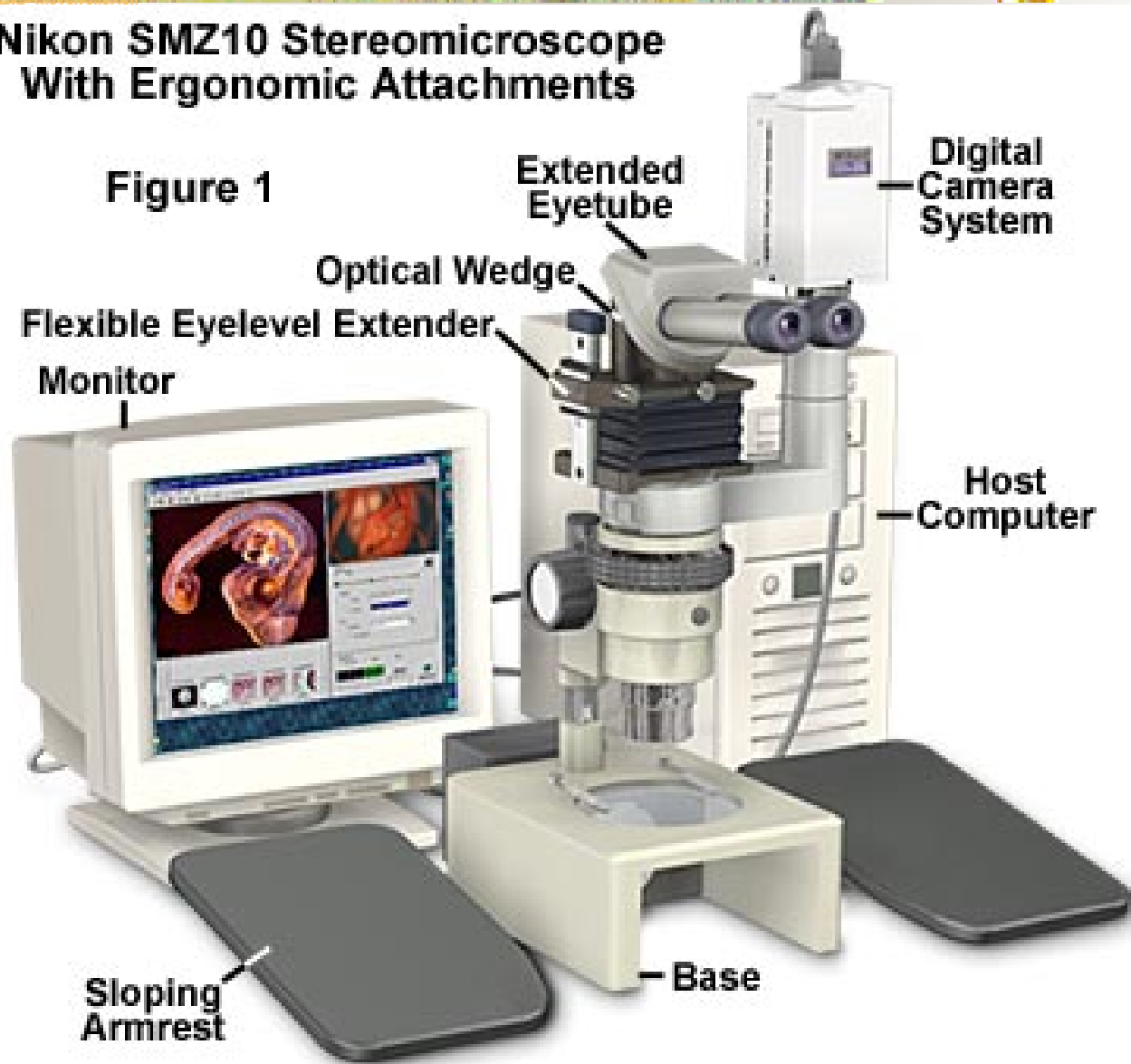
International Medical
Equipment

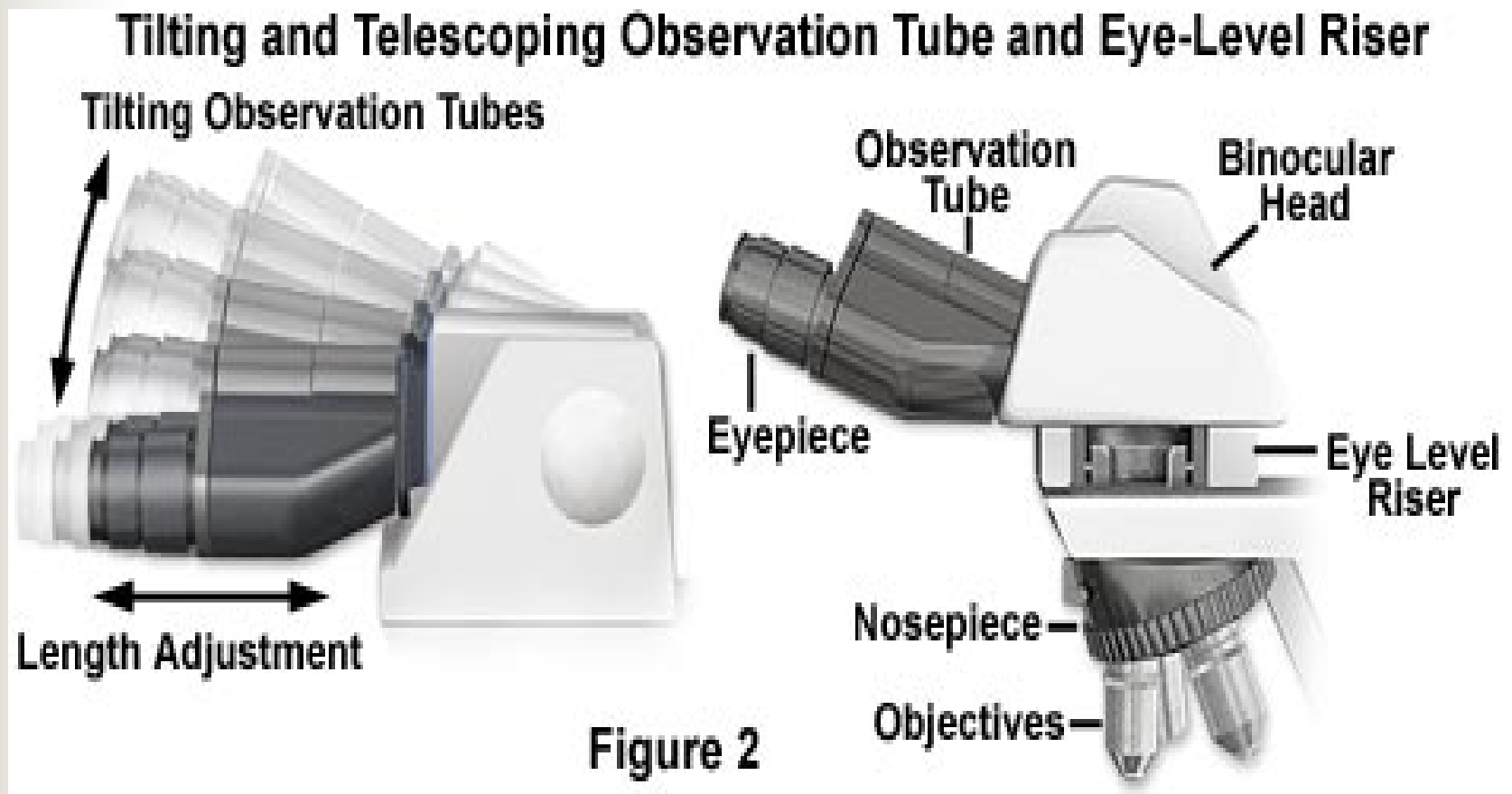
Scopease Ergonomic Support

Features 2 adjustable soft armrests
and a forward tilt mechanism

Nikon SMZ10 Stereomicroscope With Ergonomic Attachments

Figure 1





Reduced
Neck
Forward
Bend

Ergonomically Designed Stereomicroscope

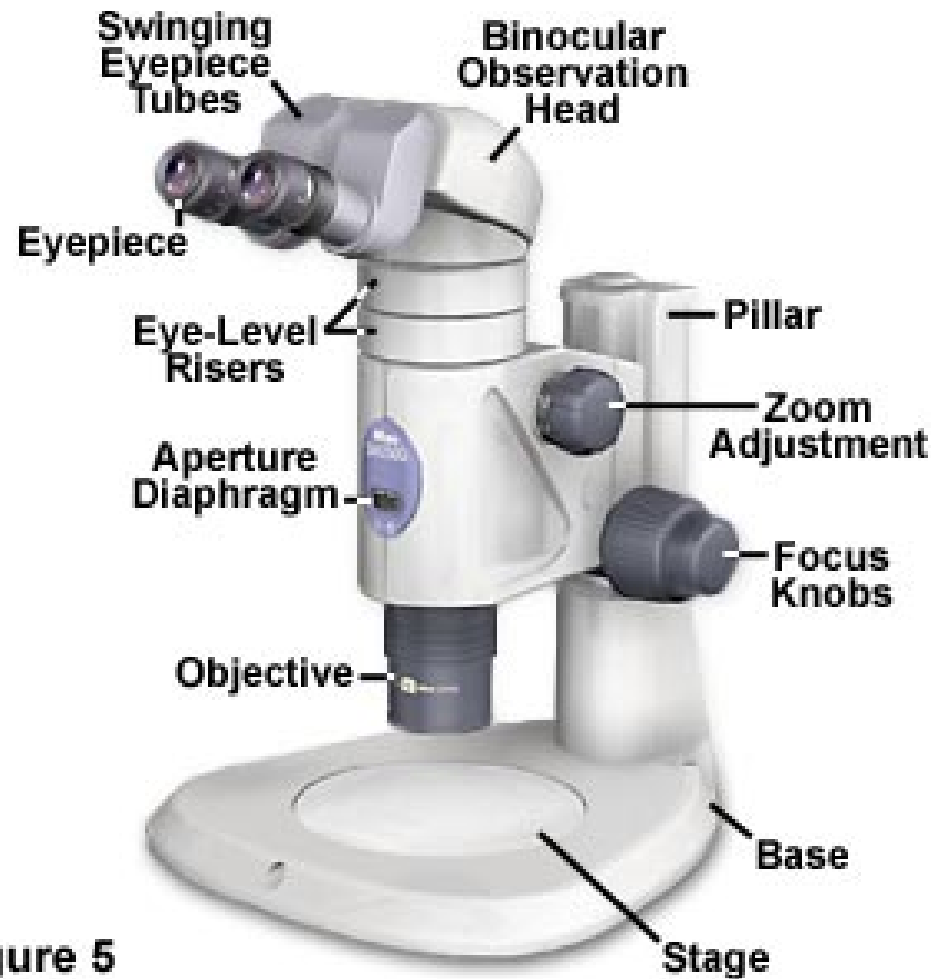
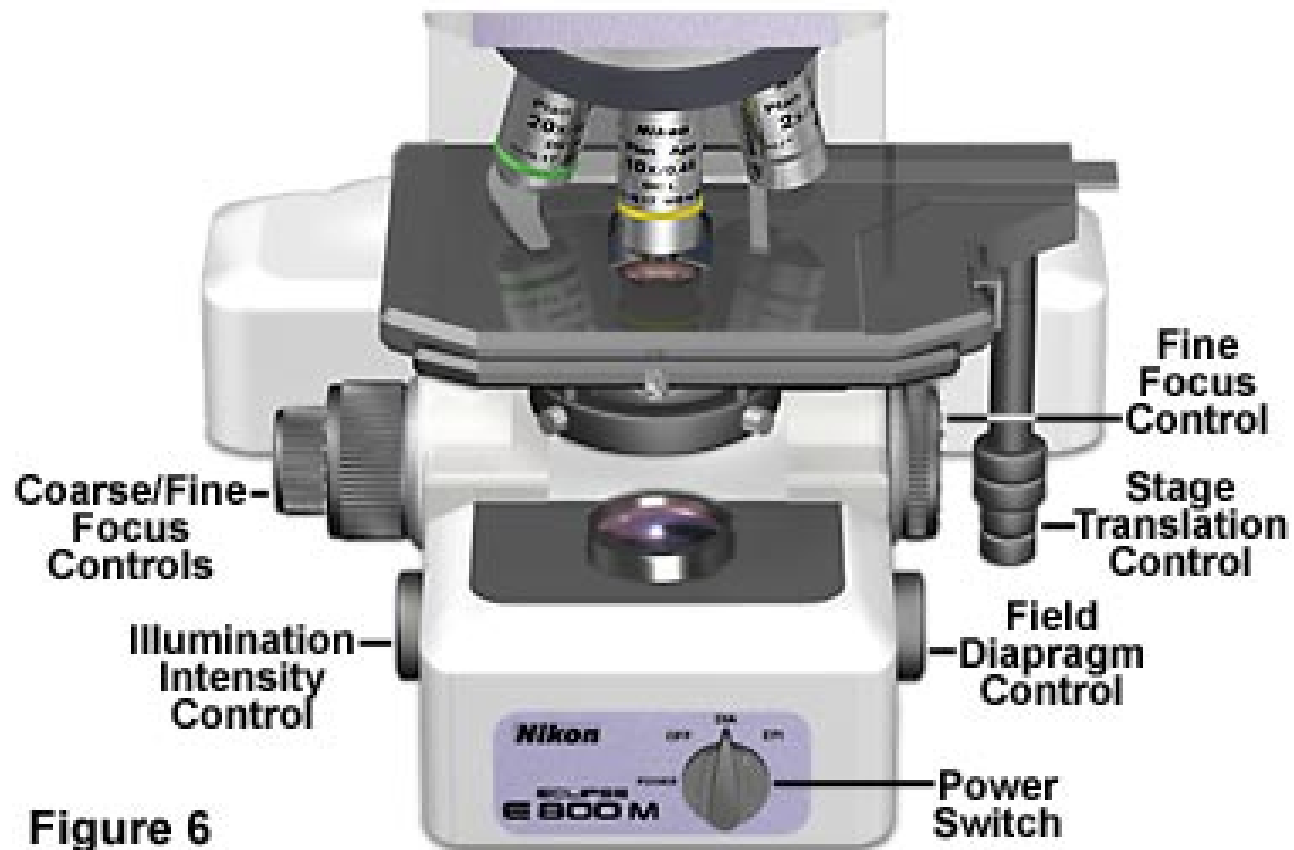


Figure 5

Nikon Eclipse E800 Ergonomic Controls



Reduced Reach

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Padded Forearm Support

Reduces contact stress



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